

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (withdrawn): A communications network for communicating an information in form of a markup language, the information of the markup language comprising at least a first distinct data type and a second distinct data type, comprising:

a parser for parsing the information of the markup language to obtain the first distinct data type and the second distinct data type;

first queue connected to the parser, for storing the first distinct data type; ~~and~~

second queue connected to the parser, for storing the second distinct data type;

a server communicatively connected to the parser and the first queue and the second queue;

a client device communicatively connected to the first queue and the second queue, the client device capable of requesting the information from the server and receiving the information requested from the server, via communication over the network;

wherein the server transmits to the client device the information, in accordance with a pre-determined respective priority dictated at the server, for transmission sequence of the first distinct data type of the first queue and the second distinct data type of the second queue, respectively.

Claims 2-3 (canceled).

Claim 4 (withdrawn): A method of prioritizing information communications according to at least one data type of the information, the information comprising at least a first data type and a second data type, comprising the steps of:

receiving the information; and

parsing the information to separate and segregate the first at least one data type of the information.

Claim 5 (withdrawn): The method of claim 4, further comprising the steps of:

saving the at least one data type in a first queue respective queues particular for each different one of the at least one data type; and

sending the information in a prioritized sequence via designated transmission priorities for each particular at least one data type corresponding to the respective queues.

Claim 6 (withdrawn): The method of claim 5, wherein the step of sending includes round-robin successive sending from each respective queue according to the prioritized sequence for each particular at least one data type of the respective queues.

Claim 7 (currently amended): A method of communications, ~~wherein~~ of a client device ~~communicates with~~ and a server computer over a wireless network, comprising the steps of:

requesting an information that is in form of a markup language, by the client device from the server computer over the wireless network in substantially real-time, the client device being remotely located from the server computer;

accessing the information by the server computer in substantially real-time;

pre-defining a first token identifier of a first sequence of data of the information of the markup language;

pre-defining a second token identifier of a second sequence of data of the information of the markup language;

pre-processing the information by the server computer, to ascertain the first sequence of data and the second sequence of data in the markup language of the information;

sending the first token identifier, but not the entirety of the first sequence of data, over the wireless network in substantially real-time, to identify to the client device in substantially real-time that the markup language of the information includes the first sequence of data;

sending the second token identifier, but not the entirety of the second sequence of data, over the wireless network in substantially real-time, to identify to the client device in substantially real-time that the markup language of the information includes the second sequence of data; and

determining, by the client device in substantially real-time, the information as comprising the first sequence of data from identity of the first token identifier and the second sequence of data from identity of the second token identifier, respectively.

Claim 8 (currently amended): The method of claim 7, further comprising the steps of:

receiving, first, the first token identifier by the client device over the wireless network in substantially real-time;

receiving, second, the second token identifier by the client device over the wireless network in substantially real-time;

converting the first token identifier by the client device in substantially real-time, to obtain the entirety of the first sequence of data at the client device; and

converting the second token identifier by the client device in substantially real-time, to obtain the entirety of the second sequence of data at the client device.

Claim 9-10 (canceled).

Claim 11 (currently amended): A server computer for accessing information that is a markup language including at least a first data sequence and a second data sequence, and for relating the first data sequence and the second data sequence to respective distinct defined identifiers, the server computer communicatively connected to a wireless network comprising a mobile device, comprising:

a receiver of the server computer connected to the wireless network, the receiver capable of wirelessly receiving a request for the information from a mobile device remotely located from the server computer; and

a pre-processor connected to the receiver, for identifying the first data sequence and the second data sequence, respectively, of the information of the markup language, as corresponding with the respective distinct defined identifiers, the pre-processor operatively responsive in substantially real-time upon the receiver wirelessly receiving the request from the mobile device.

Claim 12 (currently amended): The server computer of claim 11, further comprising:
a relational database of the defined identifiers, the relational database communicatively connected to the pre-processor.

Claim 13 (previously presented): The server computer of claim 12, wherein the information is an HTML page including at least the first data sequence and the second data sequence, and the respective distinct defined identifiers of the relational database correspond, respectively, to the first data sequence recurring in the HTML code and to the second data sequence recurring in the HTML code.

Claim 14 (currently amended): A communications network for communicating a first type of data and a second type of data contained within an object, comprising:

- a server device;
- a tokenization server communicatively accessible to the server device;
- a first data of the first type of data of the object;
- a second data of the second type of data of the object;
- a dictionary communicatively accessible to the tokenization server, the dictionary including a first token representative of the first type of data and a second token representative of the second type of data; the tokenization server capable of looking up in the dictionary the first token indicative of the first data of the first type of data and the second token indicative of the second data of the second type of data, respectively, ~~by the tokenization server;~~ and

a wireless communications device wirelessly communicatively connected to the server device, the wireless communications device is remotely located from the server device;

wherein the wireless communicates device requests the first data and the second data in wireless communications with the server device as remotely located;

wherein the tokenization server communicates to the server device the first token indicative of the first data, substantially immediately responsive to requests of the wireless communications device to the server device;

wherein the tokenization server communicates to the server device the second token indicative of the second data, substantially immediately responsive to requests of the wireless communications device to the server device; and

wherein the server device ~~respectively~~ wirelessly communicates the first token and the second token, but not the first data and not the second data, to the wireless communications device where remotely located from the server device, substantially immediately after the wireless communications device wirelessly requests to the server device.

Claim 15 (currently amended): The communications network of claim 14, further comprising a token converter communicatively connected to the wireless communications device, for interpreting the first token, once received by the wireless communications device, as the first data.

Claim 16 (currently amended): The communications network of claim 15, wherein the token converter comprises ~~is~~ a software of the wireless communications device.

Claim 17 (previously presented): The communications network of claim 14, wherein the object is a mark-up language including the first data and the second data.

Claim 18 (currently amended): A method of tokenizing a first data and a second data included in a file, comprising the steps of:

requesting the first data and the second data over a cellular wireless network by a wireless communications device;

comparing the first data in a look-up table of a dictionary to discern a first token representative of the first data, in real-time after the step of requesting;

communicating the first token corresponding to the first data, wirelessly to the wireless communications device remotely located from the dictionary, in real-time after the step of comparing the first data;

comparing the second data in a look-up table of the dictionary to discern a second token representative of the second data, in real-time after the step of requesting; and

communicating the second token corresponding to the second data, wirelessly to the wireless communications device remotely located from the dictionary, in real-time after the step of comparing the second data.

Claim 19 (currently amended): The method of claim 18, further comprising the step of:

communicating the first token, but not the first data, and the second token, but not the second data, ~~over a network to a communications device, in the respective steps of~~
communicating;

discerning, by the wireless communications device, the first data from the first token and the second data from the second token, respectively.

Claim 20 (currently amended): The method of claim 19, further comprising the step of:

receiving the first token at the wireless communications device, wirelessly and remotely from the dictionary, in real-time after the step of communicating the first token;

interpreting the first data from the first token by the wireless communications device;

receiving the second token at the wireless communications device, wirelessly and remotely from the dictionary, in real-time after the step of communicating the second token; and

interpreting the second data from the second token by the wireless communications device.

Claim 21 (currently amended): The method of claim 20, wherein the steps of interpreting are performed via a database of the wireless communications device.

Claim 22 (currently amended): The method of claim 19, wherein the first data and the second data are included in the object file, and the first data is mark-up language and the second data is other than mark-up language.

Claim 23 (currently amended): A method of communications, wherein a client device wirelessly communicates remotely with a server computer over a network, comprising the steps of:

requesting an information by wireless communication of the client device over the network to the server computer;

accessing ~~an~~ the information comprised of a plurality of distinct data types and a plurality of distinct data of each of the respective plurality of distinct data types, by the server computer, upon the step of requesting;

tokenizing respective distinct data types of the plurality of data types, and distinct data within each of the respective plurality of distinct data types, to obtain a plurality of tokens, each respective one of the plurality of tokens being indicative of a unique respective distinct data and of a respective distinct data type of the respective distinct data; ~~and~~

communicating the plurality of tokens by the server computer over the network wirelessly to the client device, responsive in real-time to the step of requesting.

Claim 24 (currently amended): The method of claim 23, further comprising the steps of:

receiving the plurality of tokens at the client device via the step of communicating; and

interpreting respective ones of the plurality of tokens at the client device, such that each respective one is recognized as the unique respective distinct data of the applicable distinct data type.

Claim 25 (new): The method of claim 7, wherein the step of pre-processing is performed in substantially real-time, responsive to the step of requesting.

Claim 26 (new): The server computer of claim 11, wherein the server computer further comprising:

a transmitter connected to the server computer and the wireless network, the transmitter capable of wirelessly delivering from the server computer to the mobile device, the respective distinct defined identifiers for the first data sequence and the second data sequence, in substantially real-time in response to the request.

Claim 27 (new): The communications network of claim 14, wherein at least one of the first data and the second data is not maintained at the tokenization server and the server device and is communicatively accessible over the network in conjunction with looking up performed by the tokenization server.

Claim 28 (new): The method of claim 19, wherein at least one of the first data and the second data are not included in the object.